



Generative AI Engineer (Full-Stack)

Are you ready to shape the future of banking? Then join us at the forefront of technological innovation, harnessing the power of Generative AI to revolutionize internal processes within the Risk and Compliance organization. Your journey into the future of banking starts here!

Danske Bank is seeking a Generative AI Engineer (Full-Stack Developer) with a keen interest in Generative AI to join our dynamic and innovative Generative AI squads within the Risk and Compliance Tribe.

The Risk and Compliance Tribe has a unique blend of business experts and IT specialists working together in agile teams. In our organization, teams are self-managed, entrusted to make key decisions, and crucial in driving end-to-end product and service delivery. Step into a world of collaboration, empowerment, and innovation, where you are not just part of the process, you are shaping it.

Shape the culture and ways of working

Our squad operates across borders, and you will be working alongside other Generative AI engineers and Business Analysts. As it has not been established for long, you will have a unique opportunity to shape our culture and ways of working within the squad, leaving your mark on our innovative endeavors.

In the words from Linnea Stigholt, one of the product owners of the GenAI squads, "As a Generative AI Engineer in our squad, you will implement and work with rapidly evolving AI technology to help shape the future of banking. Your contributions will transform how we work in Risk and Compliance by enabling smarter, faster, and more efficient processes. Through these efforts, you will empower our colleagues and turn cutting-edge technology into real business impact."

In this role, you will:

- Design, develop, integrate, and operate AI solutions used by our business users.

- Architect optimal ways to integrate GenAI into various existing and new products.
- Choose appropriate technical frameworks and optimization techniques for generative AI approaches, e.g., RAG.
- Work with prompt engineering, pre & post model invocation processing.

You will also optimize model usage cost, while you interpret and visualize model outputs for internal stakeholders, explaining complex AI concepts in simple terms. You will stay abreast of emerging AI trends and technologies, supporting the adoption of relevant innovations – while you also maintain high code quality and contribute to best practices in our AI development process.

What we are looking for:

We are looking for you with experience working with AI in Python: frameworks for LLM use like Langchain, Haystack 2.0, or Hugging Face. You have an extensive understanding of building enterprise solutions, primarily in Python – that you know how to integrate well into existing applications, services and enterprise architecture and then you also bring:

- Degree in computer science, AI, machine learning or a related field
- Professional experience delivering AI/ML solutions in Python
- Strong understanding of NLP, LLMs and transformer architectures, including practical experience designing and implementing RAG solutions using frameworks such as LangChain, Haystack 2.0 or Hugging Face
- Experience with React (TypeScript) Solid understanding of software engineering fundamentals and design patterns
- Experience with Git and CI/CD pipelines, infrastructure as code, preferably Terraform
- Experience with Docker and Kubernetes
- Experience with AWS and/or Azure
- Exceptional communication skills and fluency in English

Nice to have

- Experience with Elasticsearch, OpenSearch, Azure AI Search or similar
- Hands-on experience with TensorFlow or PyTorch
- Experience with .NET/C#

Location and eligibility

- Based in Copenhagen
- Requires a valid Danish work permit

How to apply

We review applications on a rolling basis and encourage you to apply early. Submit your CV and a brief cover letter via the Danske Bank careers site. If you have any questions, contact Aleksandar Milacic, Chapter Lead, at amila@danskebank.dk.

We look forward to receiving your application.

Danske Bank

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danskebank.dk**Ansøgningsfrist**

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Kontaktperson

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